

WHAT IS CLAIMED IS:

1. A therapeutic composition for treatment of skin diseases, comprising: a sphingolipid long-chain base and lysophosphatidic acid.
2. The method of claim 1, wherein the sphingolipid long-chain base is present at from about 0.01 to 5.0 %.
3. The method of claim 1, wherein the lysophosphatidic acid is present at from about 0.001 to 1.0 %
4. The therapeutic composition according to claim 1, wherein the sphingolipid long-chain base is one or more selected from the group consisting of phytosphingosine, acetylphytosphingosine, tetraacetyl phytosphingosine, hexanoylphytosphingosine and acetylphytosphingosine phosphate.
5. A therapeutic composition for the treatment of skin diseases, comprising: 30 to 90 % by weight of a substrate or a carrier for skin application; 0.01 to 5.0 % by weight sphingolipid long-chain base; 0.001 to 1.0 % by weight of lysophosphatidic acid; and 1.0 to 40 % by weight of organic or inorganic additives.
6. The therapeutic composition according to claim 5, wherein the organic additives contain ceramide, cholesterol and fatty acid.
7. The therapeutic composition according to claim 6, wherein the organic additives contain a weight ratio of ceramide: cholesterol: fatty acid of from about 40 to 60 % : from about 20 to 30 % : from about 20 to 30 %.
8. The therapeutic composition according to claim 5, wherein the ceramide comprises one or more selected from the group consisting of: ceramide 3 ceramide 6, and a mixture thereof, and wherein the ceramide has the same stereochemical composition as the ceramide in human skin lipids.
9. The therapeutic composition according to claim 1, wherein the lysophosphatidic acid is one or more selected from the group consisting of lyso-stearoyl phosphatidic acid (18:0), lyso-oleoyl phosphatidic acid (18:1), lyso-palmitoyl phosphatidic acid (16:0) and natural lyso-phosphatidic acid derived from egg yolk or beans.
10. A method of treating skin disorders, comprising administering the composition of claim 1.

11. The method of claim 10, wherein said skin disorders are selected from the group consisting of: atopic dermatitis, eczema, psoriasis with hyperkeratosis, skin inflammation, pruritus, bacterial infection, acne, and wounds.

12. The therapeutic composition according to claim 1, wherein the composition is formulated into a form selected from the group consisting of: a cream, a lotion, an ointment, a skin toner, an essence, a body wash, and a shampoo.